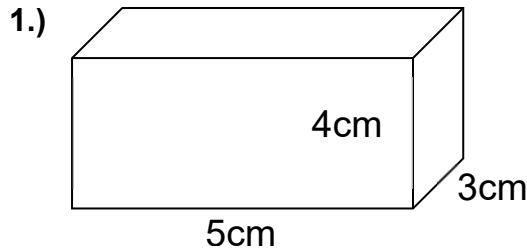
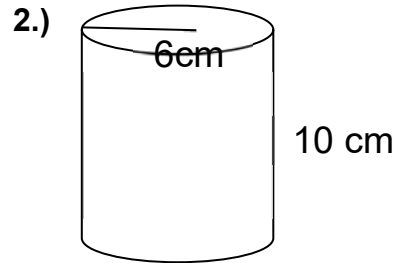


# Measurement

Directions: Calculate the volume or capacity of each object.



Volume: \_\_\_\_\_



Capacity: \_\_\_\_\_

Directions: Use the chart to calculate each conversion. Show your work.

3.) 2.5 meters = \_\_\_\_\_centimeters.

4.) 5 km = \_\_\_\_\_ miles

5.) 800 m= \_\_\_\_\_ yards

6.) 2.5 m = \_\_\_\_\_ feet

7.) 600 mm= \_\_\_\_\_ inches

| METRIC CONVERSIONS |   |                 |               |
|--------------------|---|-----------------|---------------|
| 1 centimeter       | = | 10 millimeters  | 1 cm = 10 mm  |
| 1 meter            | = | 100 centimeters | 1 m = 100 cm  |
| 1 kilometer        | = | 1000 meters     | 1 km = 1000 m |

| STANDARD CONVERSIONS |   |            |                |
|----------------------|---|------------|----------------|
| 1 foot               | = | 12 inches  | 1 ft = 12 in   |
| 1 yard               | = | 3 feet     | 1 yd = 3 ft    |
| 1 yard               | = | 36 inches  | 1 yd = 36 in   |
| 1 mile               | = | 1760 yards | 1 mi = 1760 yd |

| METRIC -> STANDARD CONVERSIONS |   |                 |                     |
|--------------------------------|---|-----------------|---------------------|
| 1 millimeter                   | = | 0.03937 inches  | 1 mm = 0.03937 in   |
| 1 centimeter                   | = | 0.39370 inches  | 1 cm = 0.39370 in   |
| 1 meter                        | = | 39.37008 inches | 1 m = 39.37008 in   |
| 1 meter                        | = | 3.28084 feet    | 1 m = 3.28084 ft    |
| 1 meter                        | = | 1.09361 yards   | 1 m = 1.09361 yd    |
| 1 kilometer                    | = | 1093.6133 yards | 1 km = 1093.6133 yd |
| 1 kilometer                    | = | 0.62137 miles   | 1 km = 0.62137 mi   |

| STANDARD -> METRIC CONVERSIONS |   |                     |                    |
|--------------------------------|---|---------------------|--------------------|
| 1 inch                         | = | 2.54 centimeters    | 1 in = 2.54 cm     |
| 1 foot                         | = | 30.48 centimeters   | 1 ft = 30.48 cm    |
| 1 yard                         | = | 91.44 centimeters   | 1 yd = 91.44 cm    |
| 1 yard                         | = | 0.9144 meters       | 1 yd = 0.9144 m    |
| 1 mile                         | = | 1609.344 meters     | 1 mi = 1609.344 m  |
| 1 mile                         | = | 1.609344 kilometers | 1 mi = 1.609344 km |